20000903.ba v02_n979.bam.20000903

>From ???@??? Sun Sep 3 14:55:35 2000 -0500
Date: Sun, 3 Sep 2000 14:53:00 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2979
Message-Id: <20000903195302.5095E3B43B@devel43.theporch.com>

BOATANCHORS Digest 2979

Topics covered in this issue include:

1) Re: Q meters and the like
by Henry van Cleef <vancleef@netcom.com>
2) WS 48
by =?iso-8859-1?Q?Andr=E9_Guibert?= <aguibert@sympatico.ca>
3) Radium Meter Checker for sale
by Tom Norris <badger@telalink.net>
4) Question about WW-II IFF
by Lenox Carruth <carruth@geo-thermal.com>
5) [Fwd: SAQ-transmission]
by Al Klase <skywaves@bw.webex.net>
6) Collins R1738 Help & Waters Q mult?
by Robert Kemp <rkemp@mr.net>
7) WTB: B&W 160TVH tank coil
by john <johnmb@mindspring.com>
8) Carbon Mike button needed...
by "Sandy Blaize" <ebjr@i-55.com>
9) National HRO Coil Questions
by Edward J Knobloch <k4pf@juno.com>
10) WTD: MIL T/M Source
by "Richard W. Solomon" <w1ksz@tiac.net>
11) Re: National HRO Coil Questions
by Dave Hollander <davidh@getnet.com>
12) AN/PRM-10 Dip Meter for sale
by Tom Norris <badger@telalink.net>
13) RE: AN/PRM-10 Dip Meter for sale
by "Ed Tanton" <n4xy@att.net>
14) Re: WTD: MIL T/M Source
by Don Reaves <dr@cei.net>
15) Re: National HRO Coil Questions
by "russ dworakowski" <wb3fau@hotmail.com>
16) Info? Collins 615 S-1
by GeorgeHumphrey <gah@koyote.com>
17) Re HRO coils
by philip mccoy <dgnova@erols.com>
18) SX-28 Alignment

by "Don Ehrlich" <ehrlich@olypen.com>
19) Info? Collins 615 S-1
by GeorgeHumphrey <gah@koyote.com>
20) Cosmoline Jubilee - Shelby
by polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)

From: Henry van Cleef <vancleef@netcom.com>
Message-Id: <200009020104.SAA13256@netcom.com>
Subject: Re: Q meters and the like
To: Old Tube Radios <boatanchors@theporch.com>
Date: Fri, 1 Sep 2000 19:04:28 -0600 (MDT)
Cc: boatanchors@theporch.com
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As Morris Odell discourses
>
> Hi all,
>
> It is said that a man with a watch knows the time but a man with 2 watches
> is always unsure.
>

Q meters? I would not leave home without one. Fortunately, I have a
collection of Boonton's treasures, along with a GR 650A RLC bridge,
which makes my workbench a true competitor with Millen's lab in my
time there.

>
> For the last few years I have used a Marconi TF1245 Q meter which is a 1960s
> vintage device, physically quite large together with its TF1246 oscillator
> unit, and satisfyingly elaborate. One of the important things about Q meters
> is the need to regulate various supplies to the oscillator and detector
> (including heater voltages) and the Marconi is typically British in its
> design with electronic voltage regulation, a transductor, lots of trimpots
> to get it just right, and lots of 1960s vintage British capacitors to bugger
> it up.
>

"Typically British?" I'll tell the world! Your friends the poms took
the dirt simple Boonton design and really dolled it up. The TF1245
with its two oscillators is a real eyecatcher, and is really fitted
out quite nicely (things like a shelf for the circuit under test).
Using an electronic voltmeter in place of the thermocouple bolomoter
in the Boontons is something I always liked, although there is nothing
like a properly-calibrated bolometer for accuracy across a wide
frequency range (and it was about the only practical thing in 1934,
when Boonton started making the things). If a 1245 showed up around
here, with both oscillators (TF1246 is the low freq; TF1247 is the

VHF, and the TF1245 has separate circuits for the two), I'd grab it.

> Although I had adjusted what tweaks I could using voltmeters as described in the manual, I never really thought too much about accuracy until last week when a Boonton 260A landed in the boatanchorium.
>
> This US classic (Boonton was bought out by HP) is an absolutely beautiful piece of industrial art. It was in almost unused condition although rather grubby and worked properly immediately from the start. It covers a slightly smaller Q and HF frequency range than the Marconi but the difference is minimal at frequencies below 50 MHz. (I don't have the appropriate oscillator but the Marconi can also be used way up into the VHF region.) The Marconi manual is a much more comprehensive "textbook" than the Boonton one.
>

Well, I'd say that both manuals are full of mind-blowing descriptive stuff, and that most of it is rather redundant (I have the 160/170/260 manuals and a blurb put out by Marconi which is the theoretical part of the manual for the TF1245).

My collection of things Boonton began with acquisition of a 250A RX bridge (actually, of late Hewlett Packard manufacture) at Belton 6 or 7 years ago. The seller had some 561A Tek scopes which weren't selling. Finally, just as I was about to leave, the scopes sold and I saw him taking a tarp off a grey box. I saw what it was. "How much?" "40 bucks." I peeled off two twenties, gave them to him, and grabbed the RX bridge. It is a jim-dandy complement to the Q meter (measures the resistive and imaginary components of a device, using a self-contained 500KC-250MC (no "hertz" in that era) oscillator. Tells you just what that resistor looks like at VHF, and since it is a bridge that starts with balance, you can hook it up to things via clip leads.

Later heard about a 260A that was "dirty but working" and a set of standard coils. Paid much money for these. Those coils are not very common, and having a set is worthwhile if you can get them (i.e. pay the price). Took some work to get the oscillator to work on all bands (you have to take the turret out and polish the brass pins with brass polish, they just laugh at Deoxit). But it was missing the small back cover, and had a lot of nasty paint chips off the panel, and you really can't repaint Boonton panels, because they engraved the markings through the grey cracle paint.

Anyway, shortly after I got it "Q-ing" somebody said they had a cosmetically clean 260A with a bad thermocouple, and I bought it for parts. Unfortunately, it wasn't a parts unit. I took the thermocouple off and found its innards intact---just a bad rivetted-over connection between the thermocouple mount and the output connector. Some very careful work with a soldering iron, photography acetic acid to help out in the "flux" department, and the thermocouple was OK. Also bought a new voltmeter tube (the Boonton tested variety) from someone on this list. Getting the oscillator to work on all bands was more work----there were several coil wires on the turret that had broken off at the turret pins. That plus a couple of new oscillator tubes (for both Q meters) and I was left with two working Q 260A Q meters. One amusing thing is that both were manufactured in the two-wire line cord era, both had been refitted with 3-wire cords, and both had the neutral wire connected to the hot side of the innards, so both got swapped.

>
> Of course, the two gave different readings on a selection of inductors -
> which one was more correct? Well, there are various ways of checking coils
> that don't rely on the exact calibration - one method relies on measuring
> "half power points" as the measuring circuit is detuned, another involves
> comparison with known components. In my case I didn't have any inductance or
> Q standards so I opted for measuring the Q of a few coils at low frequencies
> with & without a small noninductive resistor in series. The results
> definitely showed that despite its age, the Boonton was "spot on" at least
> at the frequencies I was using. A re-tweak of the Marconi calibration
> eventually brought it to within a few percent of the Boonton although there
> is still some difference at higher frequencies. I suspect this is due in
> part to the absence of a nonmetallic measuring platform on the latter.
>

Calibrating the Boonton meter is dirt simple. You need something like a Ballantine or HP AC voltmeter, and have to have it calibrated. As I recall, at Q-multiplier = 1 on the 260A, you should have 40 millivolts across the thermocouple. The Q voltmeter gain and DQ settings (row of pots on the back) can be done with a 200CD oscillator plus a resistance divider, and the same AC (a Ballantine 300 does fine). Note that a Q meter is, by definition, "not a precision instrument"----NIST won't certify them. They are, however, real workhorses. Calibrating the capacitance is not overly tricky, but the best thing is to not fuss with it---in particular, don't move the vane over the small delta cap. The oscillator? WWV or other national frequency station takes care of that. My Measurements 111B crystal oscillator (tweaked to WWV) serves to assure the frequencies are right. Boonton stuff just plain doesn't drive, so the 40-50 year old factory calibration is likely to still be better than you could do by tweaking it.

> The Q meter manuals all describe sets of standard inductances and/or Q
> standards that were part of the kit. Needless to say, both my meters are
> without theirs - they are obviously in that special place populated by
> R-390A tools and odd socks. If anyone has a set of Q meter coils that they
> would like to sell, I would be very interested in obtaining some. They are
> home-brewable, but obviously the real thing is preferred.
>

Standard coils? Very few were bought with the Q meter in the first place. Boonton did make a "Q-checker" box (forgotten the model number, but Millen had a couple, and I put them back in service in production). These used a standard coil and were set up to measure delta capacitance and Q (zero on the panel was set up for "center" production, using inside control knobs). But most were bought with only one or a few standard coils, as they were used in test stations in production shops. My standard coils are not accurate enough to be used for calibration purposes. They're really intended to resonate the Q meter while you use the right hand terminals for delta testing.

Advantages of a 260A over a 160A----nice hefty oscillator with a stock out-of-the box tube, rather than a selected 45 (try to find a 45 these days, much less a bunch to select). Double size thermoucouple, much harder to burn out. And enough "feechas" and stuff that the older model didn't have to be worth waiting for.

So far as absoltutely having to have a Q meter or RX bridge for ham radio work, no, although they are real workhorses if you know what they are doing and what their limitations are. A good Measurements Megacycle Meter will do a lot of things that one might do with the Q meter, and they'll make in-circuit measurements.

Worth mentioning that Heath made a Q meter kit that looked like a knock-off of the Boonton. Plus was that it used a VTVM to measure injection current---no thermocouple to burn out. However, they were built on sheet metal rather than castings, and calibration tends to be a bit hazy.   However, it will do good Q meter work, by and large.

The Boonton VHF Q meters (170A, 190A) extend coverage to essentially overlap what the TF1245 will do, with both oscillators available. The 170A is (like the 160A) a box with a fussy oscillator and fragile thermocouple. Given a choice, go for the 190A. However, since the 260A will work up to 50 Mhz, you've got most things covered, and for higher frequency stuff, I tend to prefer the RX bridge.

Hank

Message-ID: <000901c01479$5860a160$4815fea9@b1yhpg64>
From: =?iso-8859-1?Q?Andr=E9_Guibert?= <aguibert@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WS 48
Date: Fri, 1 Sep 2000 21:00:52 -0400
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bonsoir to All
Looking for a WS 48, back pack transceiver, 6/9 megs., strap on key with transmit/receive sw.
Andre

Message-Id: <4.2.2.20000901211532.00ad5e60@mail1.telalink.net>
Date: Fri, 01 Sep 2000 21:22:48 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Tom Norris <badger@telalink.net>
Subject: Radium Meter Checker for sale
Cc: boatanchors@qth.net, BASWAPLIST@foothill.net
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

OK, a Geiger counter. :-)

I have a couple of Victoreen CDV-700 radiac meter, measures
up to 50 mR/Hr, beta and gamma. Perfect for checking those radium
coated BA's, or your Fiesta ware, or your rock collection, etc.
In very good shape, boxed with carry strap and headset. Requires
D batteries, not included.

$30 each plus shipping OBO or trade

Tom KA4RKT

Message-ID: <39B069D7.C265934A@geo-thermal.com>
Date: Fri, 01 Sep 2000 21:45:43 -0500
From: Lenox Carruth <carruth@geo-thermal.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Question about WW-II IFF
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have been searching through my literature trying to find out which IFF
was commonly used by US aircraft during WW-II. I believe that it was
the US version of the British Mark III. Was this the SCR-695? If not,
what? Was the same system used in the European Theater and the Pacific
Theater?

Thanks for the help.

--

```
Lenox

-------------------------------------------------------------------
Lenox Carruth           Dallas, TX           carruth@geo-thermal.com
Collector of WW-II Communications Equipment and Memorabilia

Wanted:  TBX-8 Antenna, Key, Canvas Case, Accessory Box
-------------------------------------------------------------------

------------------------------
Message-ID: <39B0FAAE.6F006861@bw.webex.net>
Date: Sat, 02 Sep 2000 09:03:42 -0400
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: [Fwd: SAQ-transmission]
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit



Lars KÂlland wrote:
>
> INFORMATION
>
> There will be a short transmission with the Grimeton Radio/SAQ
> transmitter on 17,2 kHz to a conference in London today, September the 2nd 2000
at 18:00 UTC.
>
> An opportunity to check your receivers.
>
> No QSL-reports are required.
>
> Regards
>
> SM6NM/Lars

--
Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page:  http://www.webex.net/~skywaves/home.htm

------------------------------
Message-ID: <39B0F8FC.C6784EF6@mr.net>
Date: Sat, 02 Sep 2000 07:56:28 -0500
From: Robert Kemp <rkemp@mr.net>
MIME-Version: 1.0
```

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Collins R1738 Help & Waters Q mult?
Content-Type: multipart/mixed;
 boundary="------------63D45E71314B3CF6315B7B15"

This is a multi-part message in MIME format.
--------------63D45E71314B3CF6315B7B15
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Have two questions for the group today....

Where could I secure some info on the Collins R1738B receiver. (manual and specs would be sufficient)

Also, anyone out there have the Waters rejection tuning option for a KWM-2!?
Have a KWM-2 with a small hole over the band switch knob which I believe was for the rejection tuning option (I think - otherwise someone tried to convert this to a KWM-2A?!)

Thanks to one and all.

Bob.

--------------63D45E71314B3CF6315B7B15
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*         ---REMAINDER OF MESSAGE TRUNCATED---             *
*     This post contains a forbidden message format        *
*  (such as an attached file, a v-card, HTML formatting)  *
*    Mail Lists at theporch.com only accept PLAIN TEXT     *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting  *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
```

--------------63D45E71314B3CF6315B7B15--

Message-Id: <3.0.3.32.20000902144850.00df046c@mindspring.com>
Date: Sat, 02 Sep 2000 14:48:50 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@mindspring.com>
Subject: WTB: B&W 160TVH tank coil
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Subject says it all... looking for one in good, or rebuildable condition.

Thanks!
John

Message-Id: <200009022014.PAA23127@exit1.i-55.com>
From: "Sandy Blaize" <ebjr@i-55.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Carbon Mike button needed...
Date: Sat, 2 Sep 2000 15:43:38 -0500
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello all,

I'm looking for a couple of good Western Electric type "T1" carbon mike cartridges. The kind that used to be used in the Bell System's "500" series telephones.

I have a handmike that uses this button and the darn thing is bad. I have another carbon mike but its output is not high enough to properly drive the modulator stage in the TCS transmitter on "AM" mode.

Any of these out there? (As kids, we used to "swipe" them from the nearest pay phone booth!) I had a passle of them in past years, but gave them all away as I never figured I'd ever use them!

73,
Sandy W5TVW

To: Old Tube Radios <boatanchors@theporch.com>
Date: Sat, 2 Sep 2000 12:00:02 -0400
Subject: National HRO Coil Questions
Message-ID: <20000902.170519.-167559.0.k4pf@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: Edward J Knobloch <k4pf@juno.com>

Greetings, fellow Anchorites,

Somehow, throughout my radio "career", I have never

before been face-to-face with a tube HRO receiver,
until I recently purchased an HRO-50R-1 on eBay.

It came with four coils, AA, B, C, and D. It's that AA coil
that has me puzzled: It is a 10m bandspread-only unit.

The only reason I can think of for National to produce
a 10m bandspread-only coil, is for the people who owned
the HRO Jr. receiver, who's coils all had no bandspread capability.
(The Jr. coil set had a single tuning chart on each coil.)
I suppose someone with the HRO Jr. would really miss having
bandspread on 10m, and would want to buy another coil
to give that capability.

The odd thing is that my AA coil is of the HRO-50 format,
having no tuning chart on it, making it less useful for an HRO Junior.

In addition to my question about the AA coil,
I have a question about HRO-60 coils. If I find
an "A" coil from an HRO-60, can I use it on my HRO-50
after retuning the local oscillator section, or must I keep on the
lookout
for an original HRO-50 coil? Can I use the coils from all previous HRO
series with no problems? Would their tuning charts track the PW dial
of an HRO-50?

Sorry for the basic level of these questions.

73,
Ed Knobloch   k4pf@juno.com

From: "Richard W. Solomon" <w1ksz@tiac.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTD: MIL T/M Source
Date: Sat, 2 Sep 2000 17:23:18 -0400
Message-ID: <LOBBJFMMJJCIMDIAGBJLIEABFBAA.w1ksz@tiac.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone know a source for some of the more obscure MIL T/M 's ??
I need a manual for the ZM-11B/U Impedance Bridge.

Tnx es 73, Dick, W1KSZ

Message-ID: <39B18874.6B36B1D7@getnet.com>
Date: Sat, 02 Sep 2000 23:08:43 +0000
From: Dave Hollander <davidh@getnet.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: National HRO Coil Questions
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

Hi Ed - congrats on your HRO. Is it possible that you have a homebrewed coil? I have my Elmer's HRO-5TAI which he got in 1946 and gave to me in 1995. He figured it would be better to give it to me than to see it end up in the dumpster since he was 92 at the time. I finally got around to firing it up earlier this year. Besides the standard A,B,C, D coils I found a non-HRO5 broadcast coil (maybe from an HRO Sr.?) When I plugged it in, I did not hear any BC stations and was surprised to hear CW and SSB. I looked at the faded pencil markings to find he had modified the coil for 160 as a bandspread coil - neat hah? I remember bugging him to get on 160 back in the late 1960's and he built a transmitter and looks like this was what he used to receive. I also found a another coil with no calibration plates. This turned out to be a homebrewed coil for 15 meters - bandspread also. So maybe you have a homebrew coil.

73,

Dave N7RK

--
****

Dave N7RK - Webmaster CADXA
Phoenix, Arizona   *DXCC Honor Roll*   *WAZ#23 - 75 Meter SSB*

ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor Collector Extraordinaire preferring Hallicrafters, National and what ever else looks interesting!

E-Mail: davidh@getnet.com My Home Page: http://www.getnet.com/~davidh

Visit the Central Arizona DX Association Home page - http://cadxa.org

----
Message-Id: <4.2.2.20000902175946.00bcb660@mail1.telalink.net>
Date: Sat, 02 Sep 2000 18:08:52 -0500
To: Old Tube Radios <boatanchors@theporch.com>

From: Tom Norris <badger@telalink.net>
Subject: AN/PRM-10 Dip Meter for sale
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

More stuff to get rid of while cleaning out over the
weekend!

2 count 'em 2 AN/PRM-10 dip meters.
Decent shape, both work.

Hate to do this to you guys again,
but "best offer" for one or both.

Tom KA4RKT
Manchester, TN 37355

From: "Ed Tanton" <n4xy@att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: AN/PRM-10 Dip Meter for sale
Date: Sat, 2 Sep 2000 19:29:12 -0400
Message-ID: <CKEGICNFDIMCEKEDCEHFGEBHDOAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Just a note in support: the AN/PRM-10 is one of the best AC-line-powered
Grid Dip Meters ever made.

73 Ed Tanton <n4xy@arrl.net>

website: http://www.qsl.net/n4xy/

GDO page: http://www.qsl.net/n4xy/gdos.html

>
> 2 count 'em 2 AN/PRM-10 dip meters.
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>
> Hate to do this to you guys again,
> but "best offer" for one or both.
>
> Tom KA4RKT
> Manchester, TN 37355
>
>

Date: Sat, 2 Sep 2000 22:23:11 -0500 (CDT)
From: Don Reaves <dr@cei.net>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: WTD: MIL T/M Source
Message-ID: <Pine.LNX.4.10.10009022208450.828-100000@wa5bbs.radiohome.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Fair Radio has copies of the ZM-11 A/U Navy manual. I bought one a few months ago. Typical Fair quality (pun intended). The schematic includes a hand written note that would seem to indicate it covers the B model as well. The note details an added RF choke in the B+ supply.

I'll send you a copy of the schematic if you want it. Another generation of the copied manual would be nearly unreadable.

Don Reaves   W5OR

From: "russ dworakowski" <wb3fau@hotmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: National HRO Coil Questions
Date: Sat, 02 Sep 2000 23:23:11 EDT
Mime-Version: 1.0
Content-Type: text/plain; format=flowed
Message-ID: <LAW2-F2803ySjWrywNI000012a8@hotmail.com>

Ed, 50 and 60 coils are not interchangable. I can get you more info on the AA coil, I am visiting out of town right now and just checked my email. If no one else offers info, email me about it. I own an HRO-60- HRO-7 - NC100 and many others.

>From: Edward J Knobloch <k4pf@juno.com>
>Reply-To: k4pf@juno.com
>To: Old Tube Radios <boatanchors@theporch.com>
>Subject: National HRO Coil Questions
>Date: Sat, 2 Sep 2000 12:00:02 -0400
>
>
>
>Greetings, fellow Anchorites,
>

>
>Somehow, throughout my radio "career", I have never
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>of an HRO-50?
>
>Sorry for the basic level of these questions.
>
>73,
>Ed Knobloch   k4pf@juno.com
>

____
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com.

Share information about yourself, create your own public profile at
http://profiles.msn.com.

Message-Id: <3.0.6.32.20000902234400.0082b5f0@mail.koyote.com>
Date: Sat, 02 Sep 2000 23:44:00 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: GeorgeHumphrey <gah@koyote.com>
Subject: Info? Collins 615 S-1
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

BAers,

Tonight I come asking for information on a really nice unit I recently picked up. It is the Collins 615 S-1. The black paint was pretty scruffy on the outside, but the insides look like they just came off of the Collins assembly line, if only they still had that assembly line. ;-)

Inside it has 5 each 6159 tubes, lots of other tubes with covers, a container with 55 crystals, auto tune, and excellent craftsmanship. All of the little allen wrenches are still in their holders.

Can anyone provide information on the unit, what type of power is required and would someone have a copy of the manual. Is there a remote tuning unit that is required, remote power supply and what else?

Thanks for your time,

73 de George
KC5WBV

Message-ID: <39B2478B.AC06E855@erols.com>
Date: Sun, 03 Sep 2000 08:43:55 -0400
From: philip mccoy <dgnova@erols.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re HRO coils
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The AA coil is designed to work in the HRO-50 and 60 series
not the old juniors.

Message-ID: <000f01c015bd$de76be20$2bf9cdd0@fpfzqlga>
From: "Don Ehrlich" <ehrlich@olypen.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SX-28 Alignment
Date: Sun, 3 Sep 2000 08:44:19 -0700
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I need clear instruction on how to align the crystal phasing on my SX-28. The IF and RF alignment instructions of the manual are pretty clear but the instruction for setting up crystal phasing (only a few sentences) leaves a lot to be desired and I am completely confused. I'm sure I am not the first one with this problem and someone out there in BA Land surely has it all figured out. Please prove me right.

Don K7FJ

Message-Id: <3.0.6.32.20000903122356.00821290@mail.koyote.com>
Date: Sun, 03 Sep 2000 12:23:56 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: GeorgeHumphrey <gah@koyote.com>
Subject: Info? Collins 615 S-1
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Sorry folks, bad eyes got me again. This is a 618 S-1.
>
>BAers,
>
>Tonight I come asking for information on a really nice unit I recently picked up. It is the Collins 615 S-1. The black paint was pretty scruffy on the outside, but the insides look like they just came off of the Collins assembly line, if only they still had that assembly line. ;-)
>
>Inside it has 5 each 6159 tubes, lots of other tubes with covers, a container with 55 crystals, auto tune, and excellent craftsmanship. All of the little allen wrenches are still in their holders.
>
>Can anyone provide information on the unit, what type of power is required and would someone have a copy of the manual. Is there a remote tuning unit that is required, remote power supply and what else?
>
>Thanks for your time,
>
>73 de George
>KC5WBV
>

Date: Sun, 3 Sep 2000 15:52:47 -0400
From: polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
Message-Id: <200009031952.PAA12997@aa4rm.ba-watch.org.>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Cosmoline Jubilee - Shelby

GREAT Time was had my most - between rain squalls

Lotta list members & huge Fri. nite fishcamp 2-long-table banquet.

But for my immediate troupe, lsts say the three of us slogged there together & came back with nothing less that a record trio-haul

viz

<html>
<!-- for O.E. table fidelity>
</pre>

Call	Thing	Desc.
W2CQH	MO	HF TX by WeCo. Chesson says 25W 3-8mcs & related to MAK.
"	R4/ARR2	240mcs TRF w. BC-band tuneable IF. P/O ZB 2nd generation homing syst.
AA4RM	"	another one
WB4MNF	RBC	HF RCA rx for Bob's private Iowa-class w. Mitty battleship. Fm J. Poulton
W2CQH	ASB	Y-E-S!!!! 550 mc TX w. 2 15Es & 15R w. 446-lighthouse RX. Navy's 1st. airborn search radar. Made Donitz say Allies had "paved the skys with aircraft." 1941, complete/ Y-E-S!!!
WB4MNF	WS19	NEAT!!!
AA4RM	RS6 stuff	Some scraps from the guessed spy-radio ensemble
"	MAW	Navy ww2 xcvr 115-156 mcs per Chesson. Incredible dual-turret backpack thing by Hoffman radio. Musta been Marine Corps for fwd. air strips. Never saw one

</pre>
</html>

Bob's van smells like Fair Radio. After clean-out, shot twelve cans of Glade loose inside. Ruger pistol good for something after all.

Left behind: LF & HF RBM rx-pair. Can recover if a listmember wishes.

  M

End of BOATANCHORS Digest 2979
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